

Design Build Materials Testing Personnel

Policy

The Design Builder shall have a qualified Quality-Testing Supervisor to oversee all testing operations. This person shall be responsible for insuring that all testing is being performed according to the proper test procedure, by qualified testers, and using calibrated and verified testing equipment.

The Design Builder shall have all acceptance testing performed by qualified testers. The testers shall be qualified as defined in the requirements in AASHTO R-18. A testing technician currently qualified in concrete testing by the American Concrete Institute (ACI) (Level I) will be considered qualified. The qualifications of the laboratory technicians employed by an AASHTO Accreditation Program (AAP) will be accepted for AASHTO test methods only when confirmed by the laboratory's training and evaluation records. The competency of the tester shall be re-evaluated at least annually in all tests they perform.

The testing technicians performing the field and laboratory sampling and testing shall be employed by the Design-Builder or subcontractor laboratory and supervised by the Quality Testing Supervisor.

WSDOT's independent assurance inspector will perform an independent verification and observation of all sampling and testing procedures, and a review of the qualifications of the tester.

Discussion

When contractor's testing is used for acceptance, Federal regulations require that all testing be performed by qualified staff using verified testing equipment.

An AASHTO accredited laboratory could be used for testing; however, AASHTO does not offer accreditation in all testing that will be performed (such as field densities and other non-AASHTO/non-ASTM tests. Testers therefore must be qualified in all tests whether they are AASHTO, ASTM, WSDOT, or other test methods.